



HEADS' OF PPDR CONFERENCE
20th & 21st January 2020, Vigyan Bhawan, New Delhi

Session on

**Promoting "Make in India"
through
Policy guidelines &
Communication Broadband
Equipment's
by use of hackathon**

1145 - 1315 Hrs, 21st Jan 2020

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Organised by:
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Objective:

The "Make-in India" initiatives of Government of India has given scope for creating state-of-the-art technology with modern high-speed communication and integrated Communication devices for induction in Police and Disaster Relief Agencies of the Country. This will be the roadmap for promoting the manufacturing initiatives of Indian Industries and will help to make user-friendly systems, foster innovation, develop skills, protect IP and build best-in-class manufacturing Communication Equipment's in India.

Brief:

The Make in India is a type of "**Swadeshi Movement**" with the objective of job creation, covering 25 sectors of the Indian economy initiative was launched by Prime Minister in September 2014 as part of a wider set of nation-building initiatives.

"Zero Defect Zero Effect" slogan was coined by Hon'ble Prime Minister of India, as essence of the Make in India initiative that manages advanced processes, materials and technologies, to guide the production mechanism that produces products with no defects with no adverse environmental and ecological effects.

Manufacturing of Electronic and Communication Equipment's

India is one of the fastest developing

economies in the world, but it lacks the edge of a competitive electronic sector. Despite a higher reliance on imports, India's electronics sector has witnessed rapid growth in recent years.

Technological innovations, like the rollout of 4G/LTE (long term evaluation) networks and IoT have accelerated the adoption of electronic products in the country. It is even expected that the Consumer Electronics and Appliances market in India will become the fifth largest in the world by 2025.

India is witnessing significant changes in its policies, mainly related to the regulatory and business conditions. The government introduced reforms to improve India's 'Ease of Doing Business' rankings by introducing initiatives such as 'Digital India' and 'Make in India' to bolster domestic manufacturing

The make-in India movement of Government of India has leded the following developments in the field of electronics and communication industries:

1. Engineering and design of PCB.
2. PCB assembling, including sub-assemblies.
3. Functional testing.
4. Maintenance services such as warranty and maintenance of electronics spares.
5. Electronics product and component design.

Hackathon

Hackathon is any event of any duration where

people come together to solve problems. It can help to Harness creativity & expertise of students, Spark institute-level hackathons, Build funnel for '**Startup India**' campaign, Crowd source solutions for improving governance and quality of life, Provide opportunity to citizens to provide innovative solutions to India's daunting problems.

Conclusion

The "Make-in India" initiatives of Government has given a very large scope of implementation of manufacturing and maintenance of all types of electronics and communication equipment's in India only. The result of which the user Organization of Radios and other Communication Equipment's are able to purchase indigenous communication equipment's with a huge tax saving inside the Country.

The "Make-in India" initiatives of Government has given impact on the manufacturing and R&D in the field of accessories of Radio's Transceiver in India. The campaign has given startup initiatives for carrying out R&D in the field of manufacturing RF antennas for tactical communication. Also this has leads into R&D and software programming in developing indigenous software for sharing videos over VHF/UHF frequencies/bandwidth. The Engineering and design of PCB in "Make-in India" initiatives has given impact in manufacturing batteries of Radios Transceivers inside the Country.